

Chart, line chart

Description automatically generated



Chart, line chart

Description automatically generated

Chart, line chart

Description automatically generated

Chart, line chart

Description automatically generated

**10.25 Using branch do test:**

**I. build branch hpx**

medusa node: **srun -p medusa -N 1 --pty /bin/bash -l**

chuanqiu@rostam1:/work/chuanqiu/senderReceiver$ mkdir fullcoretest && cd fullcoretest

chuanqiu@rostam1:/work/chuanqiu/senderReceiver/fullcoretest$ git clone https://github.com/STEllAR-GROUP/hpx.git

chuanqiu@rostam1:/work/chuanqiu/senderReceiver/fullcoretest$ cd hpx/

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx$ git remote

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx$git fetch

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx$ git checkout -t origin/non\_contiguous\_index\_queue

branch 'non\_contiguous\_index\_queue' set up to track 'origin/non\_contiguous\_index\_queue'.

Switched to a new branch 'non\_contiguous\_index\_queue'

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx$ git branch

  master

\* non\_contiguous\_index\_queue

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx/build$ cmake -DCMAKE\_BUILD\_TYPE=Release -DCMAKE\_INSTALL\_PREFIX=/work/chuanqiu/senderReceiver/installbranchhpx -DHPX\_WITH\_FETCH\_ASIO=ON -DHPX\_WITH\_MALLOC=system ..

HPX will be installed to /work/chuanqiu/senderReceiver/installbranchhpx

-- Configuring done

-- Generating done

-- Build files have been written to: /work/chuanqiu/senderReceiver/fullcoretest/hpx/build

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx/build$ make -j20

chuanqiu@medusa00:/work/chuanqiu/senderReceiver/fullcoretest/hpx/build$ make install

**II. test using branch hpx**

、、、、、、、、、、、、、、、do test………………………….

chuanqiu@rostam1:/work/chuanqiu/senderReceiver/fullcoretest/testfullcore$

cmake -DCMAKE\_BUILD\_TYPE=Release -DHPX\_DIR=/work/chuanqiu/senderReceiver/installbranchhpx/lib64/cmake/HPX -DHPX\_IGNORE\_COMPILER\_COMPATIBILITY=on .

$make

Text

Description automatically generated